Colville Village Sun Chart

Latitude: 70° 25' Longitude: 150° 24

	Sun First Up	Sun Up For 12 Hours	Sun Up For 24 Hours	Sun First Down	Sun Down 12 Hours	Sun Down 24 Hours
Jan.	Jan. 18					
Feb.						
Mar.		March 20				
Apr.						
May			May 15			
June						
July				July 29		
Aug.						
Sep.					Sept. 23	
Oct.						
Nov.						Nov. 24
Dec.						

(dates vary several days depending on year)

Total number of days sun never sets = 75
Total number of days sun never rises = 56

The sun rises for the first time each year about January 18th. At first it only tops the horizon in the southern sky and sets again shortly. Each day it stays up longer and climbs a little higher in the sky. The distance between where it rises and sets along the horizon expands each day; its point of rising moves toward the east and it sets more toward the west. By March 20th the sun is above the horizon for 12 hours a day, and it spans half the distance around the horizon. It makes a low arc in the sky from sunrise to sunset, with the pinnacle of the arc directly south and only about halfway up in the sky. In the Arctic the sun never reaches directly overhead. By May 15th the sun no longer sets. It merely circles around the horizon, reaching its highest point directly south and its lowest point directly north. Picture a tilted circle compared to the flat circle of the horizon. On July 29th the sun first begins to set again. It now reverses the order it started in January, and slowly decreases the time it remains above the horizon and its movements around the horizon. By September 23rd its time above and below the horizon is equal - 12 hours. The sun sets its final time for the year on November 24th. The sun is not seen again until January 18th of the next year.

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